

ABSTRACT

A remote-controlled device for rotating tools, preferably medical tools, comprising a hollow body (1) which is embodied in the form of pivotally connected proximal and distal parts (2, 6) provided with a pair of adjacent end surfaces (5, 5') which are angularly disposed with respect to the longitudinal axis of the body (1), and an axis (7) which is perpendicularly oriented with respect to the end surfaces (5, 5') and provided with a central channel and a remote control mechanism. A shaft (10) arranged in the central channel of the device comprises driven, driving and transmitting sections (11, 12, 13) respectively, and operates as a link for transferring working rotational motion at a variable angle. The tilt angle between the distal part (6) and the longitudinal axis of the proximal part (2) can be equal to 180° .

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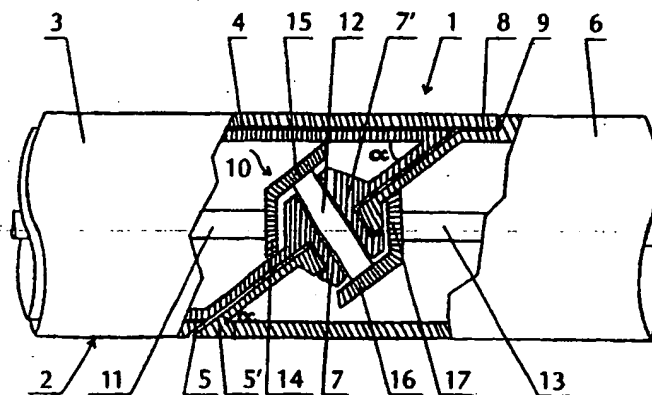
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(54) Title: REMOTE CONTROLLED DEVICE FOR TOOL ROTATING

(54) Название изобретения: УСТРОЙСТВО ДЛЯ ПОВОРОТА ИНСТРУМЕНТА С ДИСТАНЦИОННЫМ УПРАВ-
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(57) Abstract: The inventive remote-controlled tool rotating device comprises a hollow body (1) which is embodied in the form of pivotally connected proximal and distal parts (2, 6) provided with a pair of adjacent end surfaces (5, 5') which are angularly disposed with respect to the longitudinal axis of the body (1) and an axis (7) which is perpendicularly oriented with respect to the end surfaces (5, 5') and provided with a central channel and a remote control mechanism. A shaft (10) which is arranged in the central channel (1) of the device comprises driven, driving and transmitting sections (11, 12, 13), respectively and operates as a link for transferring a working rotational motion at variable angle. The tilt angle between the distal part (6) and the longitudinal axis of the proximal part (2) can be equal to 180°. Said device is used mainly for medicine purposes.

[Продолжение на след. странице]

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Устройство предназначено для преимущественного использования в медицине (фиг. 1).